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DRAFT AMENDMENTS TO THE CLAIMS

Kindly consider the following possible amendments to claims 1 and 8:

Claim 1:

A: A method for aligning in at least one of time and space temporally ordered sequences of images comprising:

receiving a plurality of sequences of images, each sequence containing a multiplicity of images, each of said plurality of sequences defining a space-time volume, without requiring that images in said plurality of sequences be coincident in time; and

providing an output indication relating at least one point in a space-time volume corresponding to one of said plurality of sequences to at least one point in a space-time volume corresponding to at least another one of said plurality of sequences thereby aligning said temporally ordered sequences of images.

B: A method for finding correspondence between ~~aligning in at least one of time and space~~-temporally ordered sequences of images in at least one of time and space, the method comprising:

receiving a plurality of sequences of images, each sequence containing a multiplicity of images, each of said plurality of sequences defining a space-time volume, without requiring that images in said plurality of sequences be coincident in time; and

providing an output indication relating at least one point in a space-time volume corresponding to one of said plurality of sequences to at least one point in a space-time volume corresponding to at least another one of said plurality of sequences.

Claim 8:

A: A system for aligning in at least one of time and space temporally ordered sequences of images comprising:

a space-time volume generator, receiving a plurality of sequences of images, each sequence containing a multiplicity of images, each of said plurality of sequences defining a space-time volume; without requiring that images in said plurality of sequences be coincident in time; and

an aligner to align said temporally ordered sequences of images by; providing an output indication relating at least one point in a space-time volume corresponding to one of

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said plurality of sequences to at least one point in a space-time volume corresponding to at least another one of said plurality of sequences.

B: A system for finding correspondence between aligning in at least one of time and space-temporally ordered sequences of images in at least one of time and space, the system comprising:

a space-time volume generator, receiving a plurality of sequences of images, each sequence containing a multiplicity of images, each of said plurality of sequences defining a space-time volume; without requiring that images in said plurality of sequences be coincident in time; and

an aligner, providing an output indication relating at least one point in a space-time volume corresponding to one of said plurality of sequences to at least one point in a space-time volume corresponding to at least another one of said plurality of sequences.

B: A system for aligning in at least one of time and space temporally ordered sequences of images comprising:

a space-time volume generator, receiving a plurality of sequences of images, each sequence containing a multiplicity of images, each of said plurality of sequences defining a space-time volume; without requiring that images in said plurality of sequences be coincident in time; and

an aligner, providing an output indication relating at least one point in a space-time volume corresponding to one of said plurality of sequences to at least one point in a space-time volume corresponding to at least another one of said plurality of sequences.